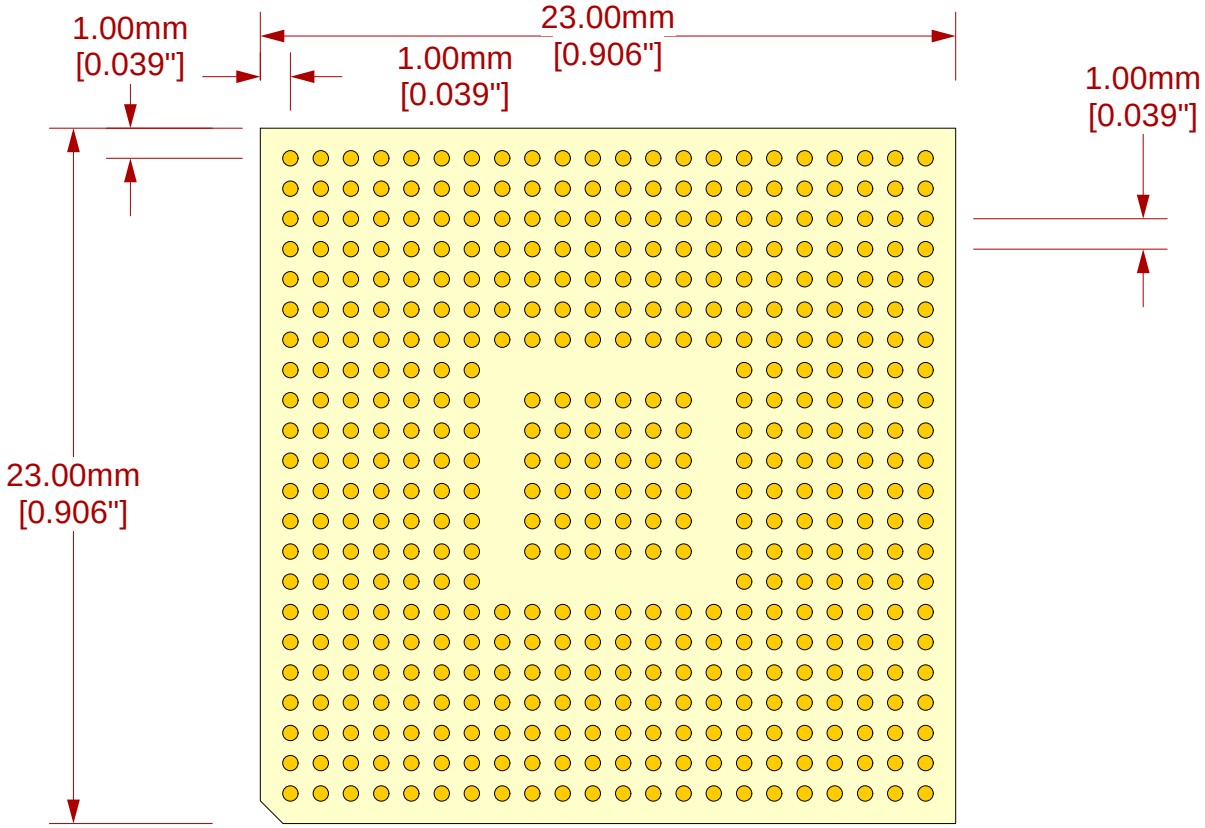
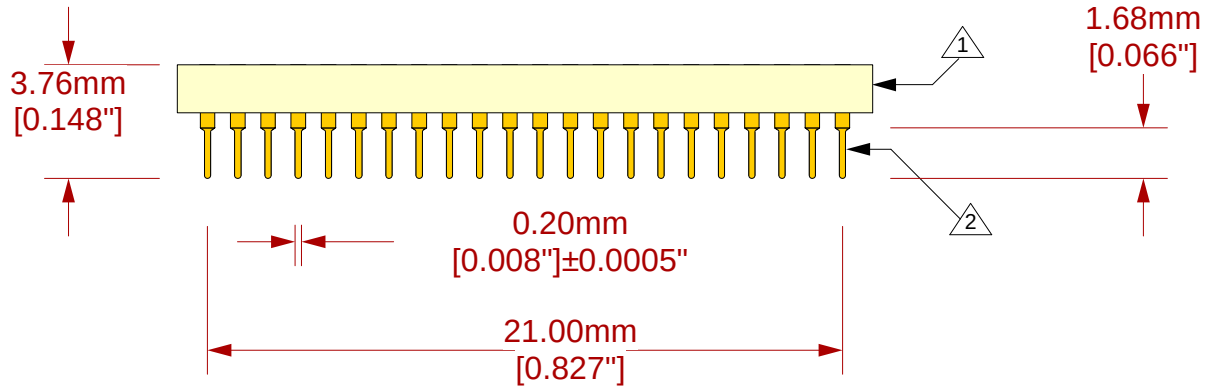
Top View



Side View



1 Substrate: 1.59mm ±0.18mm [0.0625" ±0.007"] FR4/G10 or equivalent high temp material.

2 Pins: material- Brass Alloy 360 1/2 hard; finish- 0.25µm [10µ"] Au over 1.27µm [50µ"] Ni (min.).

Description: Giga-snaP BGA SMT Land Socket
456 position BGA surface mount land pattern to terminal pins (1.0mm [0.039"] centers, 22x22 array)

Tolerances: diameters ±0.03mm [±0.001"], PCB perimeters ±0.13mm [±0.005"], PCB thicknesses ±0.18mm [±0.007"], pitches (from true position) ±0.08mm [±0.003"], all other tolerances ±0.13mm [±0.005"] unless stated otherwise. Materials and specifications are subject to change without notice.

LS-BGA456C-41 Drawing	Status: Released	Scale: 4:1	Rev: B
© 2005 IRONWOOD ELECTRONICS, INC. PO BOX 21151 ST. PAUL, MN 55121 Tele: (651) 452-8100 www.ironwoodelectronics.com	Drawing: S.Natarajan	Date: 3/3/05	
	File: LS-BGA456C-41 Dwg	Modified: 4/19/05	